

STATE FIRE MARSHAL

MESSAGE FROM THE STATE FIRE MARSHAL

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There is an old saying that no news is good news. In the case of the monthly OSFM newsletter it means that your Office of the State Fire Marshal has been busy making sure we continue to do the business you have come to expect. Programs within the Planning and Risk Analysis have been focusing on pre-fire wildland engineering with the building of a state-wide available damage inspection form and mobile application, and continuing to move the California Fire Plan forward that recognizes the use of fuels management, land-use planning, and the use of smart building technics. The CAIRS program is increasing the capacity in order to meet data demands, State Fire Training is continuing the “re-working” of the state’s training system to ensure it will meet the demands of today and tomorrow’s California fire service; we are meeting critical deadlines for state code adoption and publication, providing education opportunities for our local code enforcement partners on the adoption and interpretation of state regulations, helping to ensure that new state projects are completed on schedule and, providing the inspection and insurance that the over 5,500 miles of hazardous material pipelines and operators comply with the safety requirements. Last but not least, the Fire Engineering Division has been embedded in the collection of over 250, 000 pounds of fireworks. The last two months have not been about “no news”; it has been about a small group of dedicated staff ensuring that California’s fire and panic safety provisions are strong and protecting our citizens and environment.



State Fire Marshal
Tonya L. Hoover

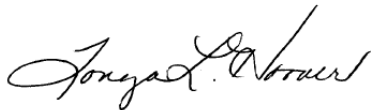
Over the past two years CAL FIRE - OSFM has been working on re-establishing the Arson-Bomb Investigation (ABI) Unit as mandated in Health and Safety Code Section 13107(c). The program, which suffered through years of budget reductions and attrition, will once again be focusing its abilities to conduct investigations of fires and explosions in state owned and state occupied buildings and unincorporated areas of the state not under a legally organized fire entity. The building of the OSFM ABI Unit will also provide necessary resources for the increased fireworks and explosives disposal operations and eventually, investigative assistance for local government. Re-establishing the ABI Unit will take time to ensure that personnel have the necessary education, training, and certification; a minimum of two years is typical from the date of hire to completion of required training. CAL FIRE Units have graciously assisted local government investigation requests on behalf of the ABI as allowed in Health and Safety Code Section 13107(b), but this service may not be as readily available due to the increased fire prevention demands placed on the Units and decreased ABI staffing. It is our goal to once again meet the intent of HSC 13107(b), local request for assistance, when we have trained staffing available. On the subject of fireworks and potentially explosive devices, the Fire Engineering Division as well as every member of the CAL FIRE-OSFM management team has been working through the complicated and costly process of disposing local government confiscated fireworks. Once again, the OSFM will be attempting to obtain the necessary funding to dispose of the thousands of pounds of fireworks being stored throughout the state.

MESSAGE FROM THE STATE FIRE MARSHAL (CONTINUED)

As I have continued to stress while discussing this topic in my travels throughout the state, this is not just an OSFM issue, this is an issue that impacts fire and law enforcement throughout the state. The disposal of fire-works is a state-wide concern and issue. Without complete and continuous funding, the program will not be able to continue to meet the disposal demands.

On a final note, California has seen wildland fire conditions that are unprecedented for this time of year. This means that our firefighting forces will continue to be challenged. It can't be said enough that a keen awareness of the fire behavior will be critical to firefighter safety, continuous training will keep important skills sharp, and always thinking safety and health will help ensure that everyone goes home after the emergency.

As always, be safe everyone,



TONYA L. HOOVER
State Fire Marshal

IMPORTANT
Information, Meetings, and Events

Information

Pipeline Safety Advisory Committee— Looking to fill vacancy (see page 3)
State Fire Training—recruiting for cadre members (see page 6)

OSFM Meetings

September 17— Flame Retardant Advisory Committee , Sacramento
September 24— Fire Alarm Advisory Committee, Sacramento
October 2— Aboveground Petroleum Storage Act Advisory Committee, Sacramento
October 8— Joint meeting of the Automatic Extinguishing System and Fire Extinguisher Advisory Committees, Sacramento
October 18— Statewide Training and Education Advisory Committee (STEAC), Sacramento
November 21— State Board of Fire Services, Sacramento
December 5— Pipeline Safety Advisory Committee, Lakewood

Events

October 1 thru 10— ICC Final Action Hearings, Atlantic City, NJ.
October 8— California Building Standards Commission meeting, Sacramento CA

Classes

September 10 and 11— Statutes and Regulations Class, South San Francisco Emergency Operations Center

PIPELINE SAFETY

The State Fire Marshal is currently looking to fill a local agency vacancy on the **Pipeline Safety Advisory Committee (PSAC)**. The committee is comprised of eight members of whom two represent pipeline operators, three represent local agencies, one as a fire chief, plus two public members. The purpose of the PSAC is to inform local agencies and every pipeline operator of changes in applicable laws and regulations affecting the operations of pipelines, and reviewing proposed hazardous liquid pipeline safety regulations adopted pursuant to Section 51011. The committee shall meet when requested by the State Fire Marshal, but not less than once a year. The members shall be paid expenses and one hundred dollars (\$100) per diem for each meeting.

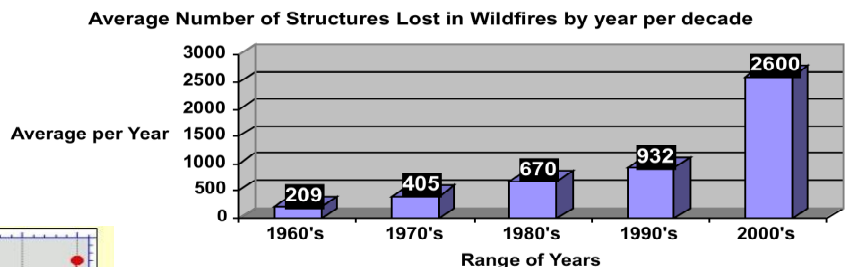
If you represent a local agency and are interested in participating in issues relating to the transportation of hazardous liquid by pipeline in California, please contact Pipeline Safety Division Chief Bob Gorham at (562) 497-9102 or by email: bob.gorham@fire.ca.gov.

Appointment terms are two years and typically the committee meets once or twice a year, usually in conjunction with an industry training seminar.

WILDLAND FIRE PREVENTION ENGINEERING

CAL FIRE, at the direction of the Director and State Fire Marshal, is currently exploring a standardized process for collecting, reporting, and utilizing post fire damage assessment information. The number of acres and structures damaged or destroyed by WUI fires are rapidly increasing throughout the country.

Area Burned/Year



Systematic damage assessment of these structures will increase future firefighter and public safety. It will also assist in evaluating the effectiveness of building codes and regulations. In effect, we cannot manage what we don't measure.

CAL FIRE incident management teams and local government teams have completed excellent work in damage assessment reporting but one standard methodology is needed statewide. The goal will be to test and establish a methodology to evaluate and document every wildland fire damaged or destroyed

WILDLAND FIRE PREVENTION ENGINEERING (CONTINUED)



Mobile Damage Assessment App.

The National Institute of Standards and Technology (NIST) have established a nation-wide method for collecting and storing this information in an all hazard disaster database. CAL FIRE will begin testing and using this standard immediately. Data collection will be completed utilizing hard copy forms, Google Docs, or mobile applications depending on the testing stage.

CAL FIRE will share the progress regarding this methodology with its local government and federal partners. As the federal database of damaged or destroyed structures builds, it will improve the quality of research into how structures will be able to withstand the increased severity to wildland fire exposure.

For more information regarding the CAL FIRE/NIST methodology please contact Deputy Chief Mike Wilson at mike.wilson@fire.ca.gov

CALIFORNIA ALL INCIDENT REPORTS SYSTEM (CAIRS)

In the effort to keep the California fire service informed about data reporting and to assist with insight into the California emergency response challenges, the Office of the State Fire Marshal is providing quarterly data reports. These basic reports are based on incidents reported to the OSFM and included in the California All Incident Reports System (CAIRS). Reports received by the OSFM are examined for completeness and prepared for uploading to the National Fire Incident Reporting System (NFIRS). The CAIRS Program is available to answer questions and provide information on local data collection.

April - June, 2013
Fire Department Incident Information
Reported to the Office of the State Fire Marshal

Report Date: 7/31/2013

INCIDENTS	INCIDENT COUNT	FIRE SERVICE INJURIES	FIRE SERVICE FATALITIES	CIVILIAN INJURIES	CIVILIAN FATALITIES
Building Fires	1,000	30	0	30	7
Wildland Fires	3,643	3	0	2	3
Vehicle Fires	1,536	3	0	6	6
All Other Fires	3,830	1	0	11	1
EMS - No Vehicle Accident	113,574	15	0	10,268	66
EMS - Vehicle Accident	10,336	9	0	734	4
EMS - Assist EMS Agency	7,368	1	0	174	2
Search and Rescue	1,098	0	0	10	1
All Other EMS and Rescue	9,374	0	0	109	2
Hazmat	1,183	0	0	1	0
All Other Hazardous Conditions	2,876	0	0	0	0
Incident Types Not Listed	56,505	2	0	2	0
TOTAL	212,323	64	0	11,347	92

CAIRS—(APRIL-JUNE 2013 FIRE INCIDENT INFORMATION CONTINUED)

BUILDING FIRES - Detail	INCIDENT COUNT	FIRE SERVICE INJURIES	FIRE SERVICE FATALITIES	CIVILIAN INJURIES	CIVILIAN FATALITIES
Non Residential Building Fires	249	3	0	2	3
Residential Building Fires	751	27	0	28	4
SPRINKLER (when detector was present)					
Non Residential Building Fires	7	0	0	0	0
Residential Building Fires	1	0	0	0	0
NON-SPRINKLER (when detector was present)					
Non Residential Building Fires	49	0	0	0	0
Residential Building Fires	279	12	0	9	1

FIREWORKS FIRES	INCIDENT COUNT	FIRE SERVICE INJURIES	FIRE SERVICE FATALITIES	CIVILIAN INJURIES	CIVILIAN FATALITIES
2011	471	2	0	1	0
2012	504	1	0	1	0

Annual reports can be found at http://osfm.fire.ca.gov/cairs/cairs_nfirsreports.php

Building Fires = NFIRS Incident Type codes; 111, 120-123 Buildings, Fire in mobile property used as a fixed structure. Does not include fires in structures other than buildings (piers, bridges, tunnels) and does not include confined fires in buildings.

Wildland Fires = NFIRS Incident Type codes; 140-143, 170-173, 561; Vegetation (including forest, brush, grass), crops, unauthorized burning.

Vehicle Fires = NFIRS Incident Type codes; 130-138; All mobile property fires.

EMS - No Vehicle Accident = NFIRS Incident Type code; 321.

EMS - Vehicle Accident = NFIRS Incident Type codes; 322-324.

EMS - Assist EMS Agency = NFIRS Incident Type code; 311.

Search and Rescue = NFIRS Incident Type codes; 331-372.

Hazmat = NFIRS Incident Type codes; 410-431, 451.

Non Residential Building Fire = NFIRS Incident Type codes; 111, 120-123 Building Fire, Fire in mobile property used as a fixed structure **AND** NFIRS Property Use Codes; all codes except for 400-464 Residential. Does not include fires in structures other than buildings (piers, bridges, tunnels) and does not include confined fires in buildings.

Residential Building Fire = NFIRS Incident Type codes; 111, 120-123 Building Fire, Fire in mobile property used as a fixed structure **AND** NFIRS Property Use Codes; 400-464 Residential. Does not include fires in structures other than buildings (piers, bridges, tunnels) and does not include confined fires in buildings.

Fireworks Fires = All reported incidents that include the NFIRS Heat Source codes; 50; Explosives, Fireworks, other and 54; Fireworks, includes sparklers, paper caps, party poppers, and firecrackers.

Incidents when mutual or automatic aid was given to a neighboring fire department were not included in counts.

The data contained in this report provided by the California Office of the State Fire Marshal (OSFM) is from the California All Incident Reporting System (CAIRS) database. Property and contents loss figures, if included, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the OSFM by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuation in the amount of data submitted to the OSFM. Incoming data is validated according to logical data rules, however, individual data elements are not always verified for accuracy.

STATE FIRE TRAINING

Update on the New Fire Inspector 1 Series

The Fire Inspector 1 Series Curriculum is now available on the SFT Website. The downloadable information includes the Implementation Plan for the New Certification and Course Requirements, Certification Training Standards Guide (CTS), and the course plans and student activities for Fire Inspector 1A, 1B, 1C and 1D.

The transition period to phase out of the old Fire Prevention courses and implementation of the new Fire Inspector courses will be December 31, 2014. All of this new information can be found at <http://osfm.fire.ca.gov/training/Insp1.php>.

STATE FIRE TRAINING (CONTINUED)

State Fire Training Manuals Now Available on SFT Website

SFT is very excited to announce that the following eleven State Fire Training Instructor and Student Training Manuals are now available for free download on the State Fire Training website:

- Alternative Fuel Vehicles
- Command and Control of the RIC Deployment Student Manual (February 2011)
- Fire Control 3A Course Guide (September 2009)
- Fire Control 3B Course Guide (September 2009)
- Fire Command 2B Student Manual
- Fire Command 2B Instructor Manual
- Fire Fighter Survival Student Manual
- Low Angle Rope Rescue Student Manual
- RIC Operations Student Manual
- Rescue Systems 1 Student Manual
- Rescue Systems 2 Student Manual

You can find these manuals at <http://osfm.fire.ca.gov/training/downloadablesftmanuals.php> or from the homepage:

1. Hover over "Courses and Scheduling"
2. Click "Downloadable Manuals"

Please note that once the very limited hard copy supply of the aforementioned manuals is exhausted in the SFT Bookstore, we will no longer be keeping these manuals in stock. Therefore, please make sure you maintain an adequate lead time for your normal printing/copying procedures for the courses you teach, sponsor or host. Also, please make sure to inform the student that the student manuals can now be downloaded on their personal electronic device. SFT will be adding more manuals in the coming months as we transition the bookstore to an online format.

Curriculum Development Projects for the California Fire Service Training and Education System (CFSTES) Continues Full Speed Ahead

State Fire Training (SFT) is continuing to revise a number of certification standards and courses within the state certification system. We are continuing to solicit help from subject-matter experts from the California fire service to participate in these projects as cadre members.

As subject matter experts, cadre members play a key role in developing, evaluating and validating curriculum document content, and anticipating how curriculum changes will impact the various audiences that use or interact with SFT curriculum and processes. The work to complete these projects comes in two phases, development and validation. So far the projects include Fire Fighter I & II, Company Officer, Chief Fire Officer, Executive Chief Officer, Training Instructor, Training Specialist, and Training Officer. The Fire Fighter I & II project has moved along rapidly and the development cadres have been selected for all of the other projects and development work is now in progress. Minor revisions and cleanup work is continuing on the Plans Examiner and Fire Marshal curriculums.

Looking for Cadre Members

We will soon be adding Community Risk Officer to the project list and are looking for cadre members for the development and validation phases. If you are interested in becoming a cadre member on any of these projects you may submit your application at <http://osfm.fire.ca.gov/training/pdf/InstructorCadre/cadreinfoandapplication.pdf>, you will also need to submit your resume.

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FIRE AND LIFE SAFETY

**Deputy State Fire Marshal III Specialist April Horvatits Has the Final Say in Fire Safety**

It is not every day that a tunnel is built in the State of California. In fact, Devil's Slide, which opened to traffic in late March of this year, was the first highway tunnel to be constructed in the entire state since the third Caldecott tunnel opened to traffic in 1964.

April Horvatits, Deputy State Fire Marshal, carries the responsibility of ensuring fire safety in Bay Area tunnels, which consists of linear heat, carbon monoxide, and nitrous oxide detectors to monitor fire and air quality, Video Image Detectors (VID), 200 horsepower bi-directional jet fans, and emergency stations equipped with fire extinguishers, manual fire alarm systems, emergency phones, and positive pressure ventilation for the safe evacuation of motorists in the event of an emergency.

In fact, Deputy Horvatits inspected Doyle Drive's southbound Battery Tunnel, the new tunnels at Devil's Slide, and is currently inspecting the Caldecott Tunnel's Fourth Bore.

In preparation for the opening of the Fourth Bore in late 2013, Deputy Horvatits is working with the California Highway Patrol, local law enforcement and fire departments and other safety and Emergency-response agencies to confirm that the tunnel meets the California Building and Fire Code provisions and National Fire Protection Association's (NFPA) standards for tunnel design and construction.

Deputy Horvatits has also been working with an interagency team to develop a Fourth Bore Emergency Response Plan (ERP). This plan will include protocols and procedures for the coordination between response agencies during an emergency. The development of the Plan entails intensive agency coordination and extensive site inspections before the Plan can be finalized. "The Fourth Bore must maintain a 'tenable environment,' "said Horvatits. This means that motorists must be able to exit the tunnel safely in the event of an emergency – thereby permitting emergency responders unimpeded access to the tunnel.

Deputy Horvatits looks forward to her first drive through the tunnel when it opens to traffic. That's a strong endorsement from the Bay Area's tunnel safety expert.

STATE BOARD OF FIRE SERVICES

New Appointee

CAL FIRE - Office of the State Fire Marshal is proud to announce the appointment of Chief Michael Smith to the State Board of Fire Services. Chief Smith was appointed by Governor Brown in August and will be representing the California Fire Chiefs Association. The appointment is a four year term.

Chief Smith is the fire chief for the San Manuel Indian Reservation. He has been with the department since 2000 and was instrumental in working with the Tribal leadership to establish the San Manuel Fire Department in 2003. In 2011, Chief Smith achieved the designation of Certified Fire Chief from the State Fire Marshal.



On behalf of the Office of the State Fire Marshal, we congratulate Chief Michael J. Smith on his appointment and welcome him to the State Board of Fire Services.